

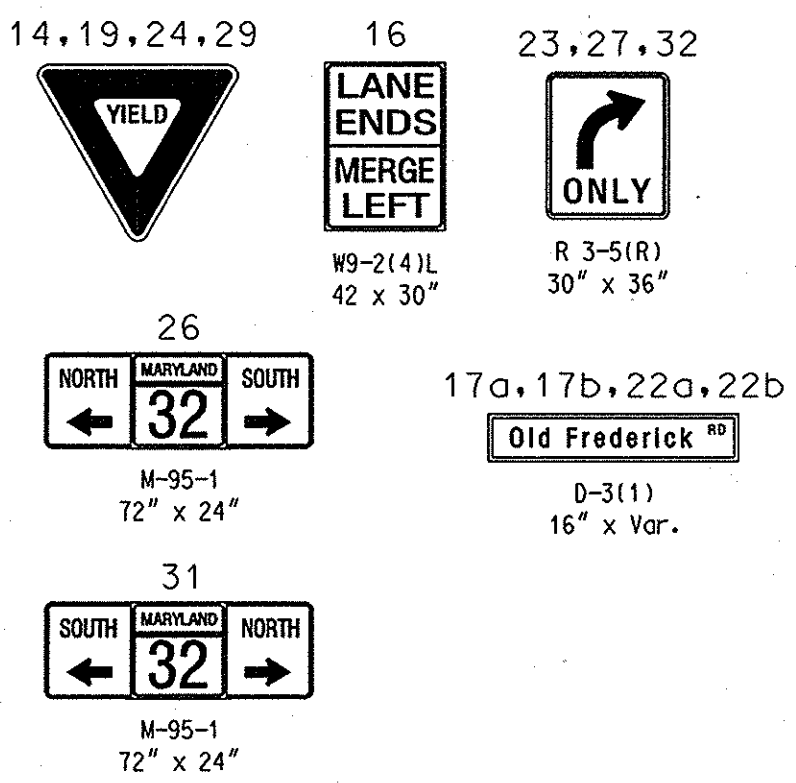
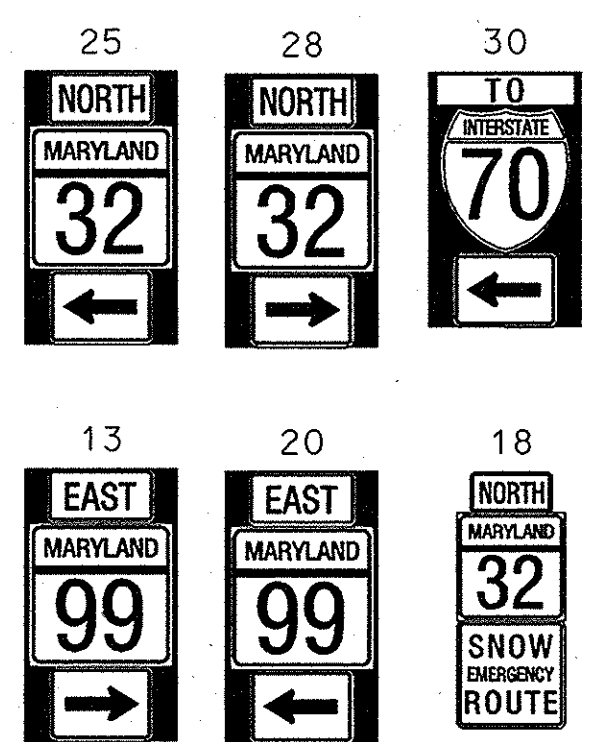
DRILL HOLES

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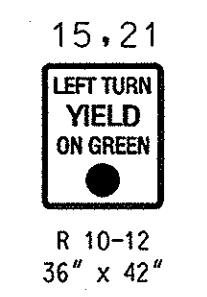
DRILL HOLES

MD 32 (Sykesville Road) is considered to run in a North/South direction.

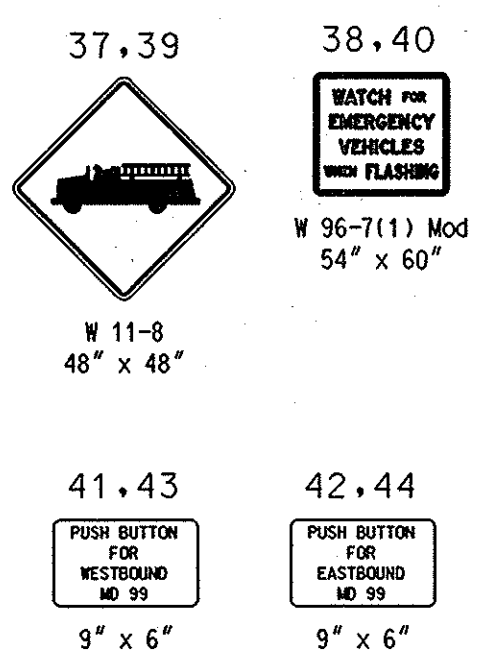
EXISTING SIGNS



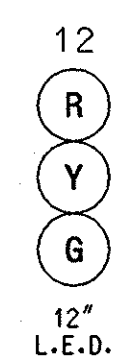
EXISTING SIGN TO BE REMOVED



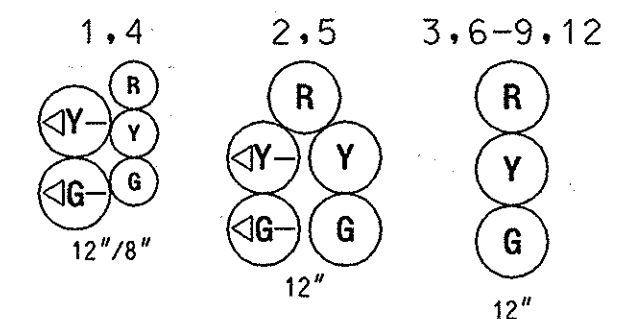
PROPOSED SIGNS



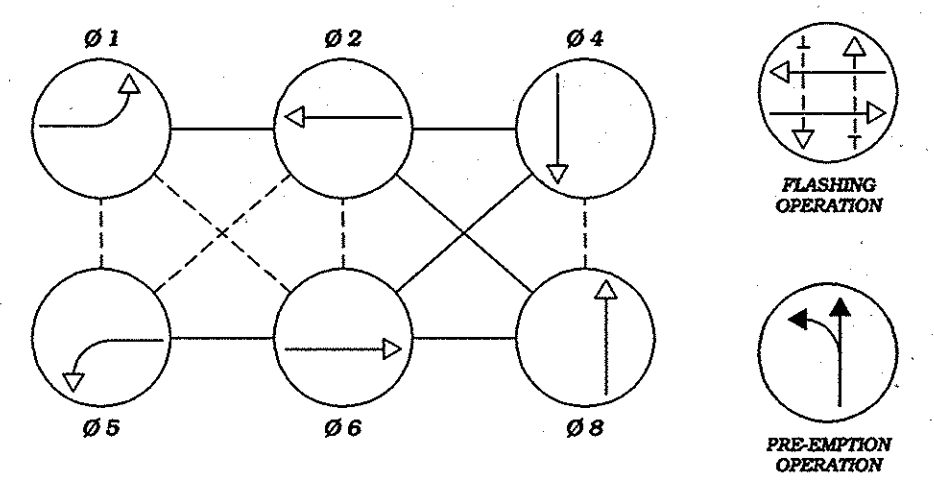
EXISTING SIGNAL TO BE REPLACED



EXISTING SIGNALS

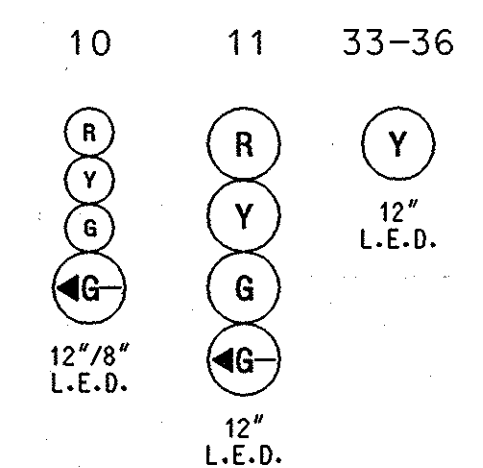


NEMA PHASING



NEMA notes:
Phases associated by a dashed line will operate concurrently.
Phases associated by a solid line will not operate concurrently.

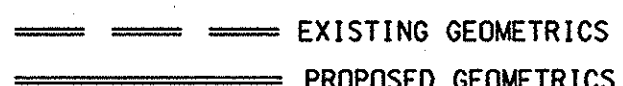
PROPOSED SIGNALS



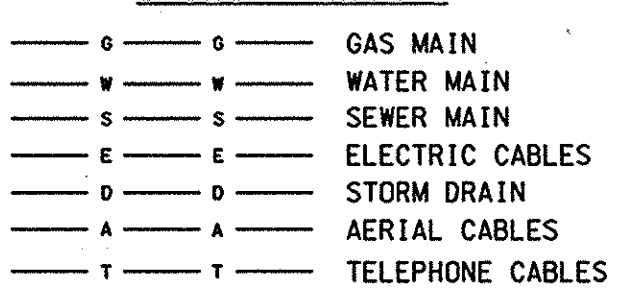
CONSTRUCTION DETAILS

- A. Install handhole.
- B. Install handhole on conduit stub extending from building (Mechanical Room).
- C. Install pushbuttons (contractor to use internal conduits) as shown on the Building Electrical Plans.
- D. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trrenched.
- E. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- F. Install HIB (see Detail on Sheet 3).
- G. Use existing cabinet/controller.
- H. Use existing handhole.
- J. Use existing conduit.
- K. Replace existing 3-section signal as shown.
- L. Remove existing sign as shown.
- M. 5 in. wide solid white pavement marking by others.
- N. 5 in. wide broken white pavement marking by others (3 ft. line - 9 ft. gap).
- O. 5 in. wide solid double yellow pavement marking by others.
- P. Tie into existing pavement markings.

GEOMETRIC LEGEND



UTILITY LEGEND



The Traffic Group, Inc.
Suite H
9900 Franklin Square Drive
Baltimore, Maryland 21236
410-931-6600
1-800-583-8411
Fax 410-931-6601

NOTES

- Geometrics shall be confirmed prior to the installation of signal equipment. All traffic signal foundations shall be installed at final sidewalk or curb grade for closed sections, highest roadway profile grade for open sections to meet clearances as specified in MD 816.03, MD 818.01, MD 818.02, MD 818.04. The contractor shall verify ultimate grades prior to the installation of all signal equipment.
- Pavement markings detailed are proposed and are to be installed as part of the Developer's project by the Roadway Contractor in accordance with MD-SHA standards. All other pavement markings are to be considered as existing.
- Revision 'C' is a revision to the traffic signal built in June, 1994 under S.H.A. Contract No.: M-401-503-372.
- All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.
- Remove all unused cable.

NOTE

These plans are approved for construction for a period of one (1) year from the date of approval. Should construction not begin within this time frame these plans shall be null and void without a re-review from the Traffic Engineering design Division.



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
WEST FRIENDSHIP VFC
MD 32 @ MD 99 /Old Frederick Rd.

TRAFFIC SIGNAL PLAN

SCALE 1" = 20'	DATE 06/13/1994	CONTRACT NO.
DESIGNED BY S. Baranowski	COUNTY Howard	
DRAWN BY R. Zacherl	LOGMILE 13003220.98	
CHECKED BY	T.I.M.S. NO. I-359	
F.A.P. NO. S. Baranowski	TOD NO.	
DRAWING NO. TS - 3443-C	SHEET NO. 1 OF 3	

APPROVALS	REVISIONS
TEAM LEADER	1. Replace signal heads, install PB 4/22/01 for fire house HIB & pre-emption. S.H.A. No.: B0939002
ASST. DIV. CHIEF	2. Convert NB & SB MD 32 LT to exclusive/preemptive. S.H.A. No.: AT3585185
DIVISION CHIEF	3. Rebuild west side due to MD 32 widening. S.H.A. No.: H08495187
OFFICE DIRECTOR	